## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE        |
|---------------------------|----------|--------|-------------|
| FEE DETERMINATION         | W        | 715.34 | 06.7        |
| O.I.P.E. CLASSIFIER       | R.CIN    |        | 16/13/2000) |
| FORMALITY REVIEW          | 2A       | 852    | 12-26-00    |
| RESPONSE FORMALITY REVIEW | 9        |        |             |
| ·                         | -        | I      |             |

## **INDEX OF CLAIMS**

| ✓ Rejected                                     | N Non-elected  |
|--|----------------|
| = Allowed                                      | I Interference |
| <ul> <li>(Through numeral) Canceled</li> </ul> | A Appeal       |
| ÷ Restricted                                   | O Objected     |

| ſ        | Jai | m. |           |          |              |              | Di   | ate      |    |          |              |   | ]  | Claim Date . |          |         |    |         |    |          |          |          |          | - 1      | Claim Date     |      |                |          |          |          |          |           |                  |          |   |          |          |
|----------|-----|----|-----------|----------|--------------|--------------|--|----------|----|----------|--------------|---|----|--------------|----------|---------|----|---------|----|----------|----------|----------|----------|----------|----------------|------|----------------|----------|----------|----------|----------|-----------|------------------|----------|---|----------|----------|
| T        | Ţ   | =  | 02        | П        | CK 30        | 8            | Т  | Т        | Π  | Τ        | Τ            | Т                                       | 1  | Γ            | Tal      | ٦       |    | Ì       |    |          |          |          | Γ        | Γ        | П              |      | T              | _        | Τ        | Т        | Τ        | Т         | Ť                | Т        | $\sqcap$  | Г        | П        |
| ŀ        | al: | Ē  | Ī         | 2        | ΙŽ           | il           | ı  | 1        | l  | ļ        | l            |   | l  | ie di        | Original | - [     | ١  |         |    |          |          |          | l :      |          | П              |      | Final          | Orginal  | 1        | ı        | İ        | ŀ         | ļ                | l        |   | 1        | H        |
| Ŀ        |     | 5  | 2         | ō        | k            | 1            | L  |          | Ľ  |          | L            | L                                       | J  | ŭ            | Ó        | _       |    |         |    | L        |          |          |          | L        | Ш              |      | <u> </u>       | δ _      | L        | L        | L        |           | $\mathbf{I}_{-}$ | L        |   | L        | Ш        |
| Ŀ        | _(  | 1  | <u> V</u> | V        | V            | <u>1</u>     | L  | L        |    | L        | L            | $\perp$                                 | ]  | L            | 51       | _       | _  | _       | Ц  |          |          |          | L        | L        | Ц              |      |                | 01       | $\perp$  | L        |          |           |                  |          | $\Box$  |          |          |
|          | 1   | 2  | 1         | L        | Ц            | L            | ┖  | ┸        | L  | ┖        | L            | ┖                                       | 1  | $\perp$      | 52       | 4       | 4  | _       |    | Ц        | Ц        | Ш        | _        | L        | Ц              | ١    |                | 02       | L        | L        | oxdot    |           |                  |          |   |          |          |
| . L      | ┙   | 3  | Ľ         | Ц        | Ц            | L            | L  | L        | L  | L        | L            |   | J  | L            | SJ       | _       | _  | ┙       |    | Ц        |          |          |          | L        | Ц              | Į    |                | œ        | L        | L        |          |           | L                |          |   |          |          |
| L        | 4   | 4  | L         | Ц        | Щ            | 1_           | L  | 1        | L  | ļ_       | ↓_           | ـــــــــــــــــــــــــــــــــــــــ | ļ  | L            | 54       | 4       | 4  | 4       | _  | _        | _        | Щ        | L        | L        | Н              |      |                | 04       | 4        | L        |          | <u> </u>  |                  |          |   |          |          |
| L        |     | 5  | ╀         | Ц        | #            | 1            | ↓_   | ╄        | L  | ╄        | ╀-           | ╄                                       | ı  | $\vdash$     | 55       | 4       | 4  | 4       | _  | Ц        |          | _        | _        | ļ.,      | <del> </del> - |      |                | 06       | ╀        | Ļ        | ╄        | ŀ         | L                | L        | Ц   | Ц        | Ц        |
| Ł        | _   | 6  | 4         | Н        | #            | ╀            | ╀  | ╀        | ┞- | ļ.,      | ₽            | ╄                                       | l  | ⊢            | 56<br>57 | 4       | 4  | 4       | -  | $\dashv$ | _        | Щ        | Н        | L        | Н              | ļ    |                | 06<br>07 | ╀        | ļ.,      | ↓_       | ⊢         | ┡                | L        | Н   | Щ        | Ц        |
| ╌        |     | 긺  | +         | Н        | #            | ╄            | ╀  | ╄        | ⊢  | ╀        | ╄            | ₽                                       | ı  | ⊩            | 58       | +       | ┥  | 4       | -  | Н        | _        | -        | _        | H        | Н              | ł    |                | 07<br>08 | ╀        | ╀        | ┼-       | <b> -</b> | <u> </u>         | -        | Н   | Н        | Н        |
| ⊦        | _   | -  | 4         | H        | #            | ╀            | ⊬  | ╀        | ┝  | ┝        | ╀╌           | ╀                                       | ı  | ⊬            | 59       | 4       | ϥ  | +       | -1 | -        | _        | _        | -        | H        | Н              | }    |                | 28       | ╀        | ┞        | ŀ        | ┡         | -                | ┡        | Н   | Н        | Н        |
| H        |     | 9  | ╀         | H        | ╫            | ╁            | ⊦  | ╀        | ┝  | ⊢        | ╀            | ┢                                       | ł  | $\vdash$     | 60       | +       | +  | ┥       | ᅱ  | ᅱ        | 4        | -        | Н        | H        | Н              | ŀ    |                | 10       | ₽        | ⊦        | ⊢        | ╀         | H                | H        | Н   | Н        | Н        |
| ╌        |     | ii | +         | Н        | ₩            | ╁            | ┢  | ╀╌       | ┢  | ┢        | ╀            | ┢                                       | l  | Н            | 61       | +       | ┪  | ┥       | ┥  | ┪        | -        | $\vdash$ | -        | Н        | Н              | - }  |                | 11       | ╆        | ┝        | ┢        | -         | -                | H        | Н   | Н        | $\dashv$ |
| ŀ        |     | 2  | Н         | Н        | ╫            | ╆╌           | ╆╌   | ╁╌       | ┝  | ┝        | ╁            | <del>  -</del>                          | l  | ⊢            | 62       | +       | ┪  | ┪       | ┪  | ┥        | $\dashv$ |          | H        | Н        | Н              | ŀ    | _              | 12       | ╆        | ŀ        | ╁        | ┝         | Н                | Н        | Н   | Н        | $\dashv$ |
| Ł        |     | 3  | 4         |          | H            | +-           | ╁╌   | ╁╴       | ╁  | ┢        | ⊢            | H                                       | 1  | Н            | 8        | ┪       | +  | ┪       | ┪  | $\dashv$ | $\dashv$ |          |          | Н        | Н              | ł    |                | 13       | ╆        | ╁        | ┢        | -         | Н                | -        | H   | Н        | $\dashv$ |
|          |     | 4  | t         | H        | ₩            | t            | ┢  | +        | +  | ┢        | H            | H                                       | 1  | ۲            | 64       | +       | ┪  | ┪       | +  | ᅱ        | $\dashv$ |          | $\dashv$ | H        | Н              | ŀ    |                | 14       | t        | ┢        | $\vdash$ | Н         | $\vdash$         | $\vdash$ | H   | $\dashv$ | $\dashv$ |
| ŀ        | _   | 5  | H         | Н        | H            | t            | ✝  | t        | H  | $\vdash$ | H            | ┢                                       |    | $\vdash$     | 65       | +       | +  | 7       | 7  | ┪        | $\dashv$ | $\dashv$ | $\dashv$ | H        | Н              | ŀ    |                | ब्रे     | 1-       | 1        | t        | Н         | Н                |          | <del>   </del>                                    | $\dashv$ | $\dashv$ |
| ٠F       |     | 6  | H         | H        | tt           | t            | H  | t        | t  | Н        | ✝            | t                                       | ĺ  | H            | 66       | +       | +  | 7       | ┪  | ┪        | ᅥ        | -        | ᅱ        | Н        | Н              | ŀ    |                | 16       | t        | Т        | Т        | М         | Н                | H        | H   | ┪        | ヿ        |
| . þ.     | _1_ | 7  | ۲         | H        | ╫.           | +            | 1  | ✝        | 一  | Н        | t            | Н                                       | İ  | 一            | 67       | +       | 7  | 7       | ┪  | ┪        | ┪        | $\neg$   | .        | Н        | Н              | Ì    |                | 17       | T        | T        | T        | Н         | Н                |          | H   | ╗        | ᅱ        |
| :        |     |    | 1         | V        |              |              | Ī-   | ✝        | ┪  | ┢        | ✝            |   | ı  | Г            | 68       | 1       | 7  | 7       |    | ╛        | ┪        | ╗        |          |          | Н              | ı    | 7              | 18       |          | Г        | Т        | Т         |                  |          | П   | ┪        | ٦        |
| - [      |     | 9  |           | -        | Γ            |              | Т  | Т        | 1  | Г        | Г            | П                                       | 1  | Г            | 69       | 1       | 7  | 7       | ╗  | ╗        | ┪        |          | 7        |          | П              | Ī    | h              | 18       |          | Г        |          | П         |                  |          | П   | ╗        | ٦        |
| ٦٢       | 2   |    |           |          | 1            |              | Г  | 1        | Т  | Г        | Г            | Г                                       |    | Г            | 70       | T       | 7  | 7       | 7  | 7        | ┪        |          |          |          | П              | ſ    | 1              | m I      | Г        | Г        |          |           |                  |          | $\Box$  | ٦        | ٦        |
| }        | 12  |    | _         | -        | Н            | † •          | 一  | †        | H  | H        | t-           | ١.,                                     | 1  | Н            | 71       | +       | 71 | 7       | ┪  | 7        | ٦        | ᅥ        | ┪        |          | Н              | ı    | 1              | 21       | 1        | Т        | Г        |           |                  |          | づ   | ヿ        | ┑        |
| .        | 2   |    | _         | ·        |              | ✝            | 1.   | 1        | T  |          | Γ            |   |    | Г            | 72       | 1       | 1  | 7       | ┪  | ┪        | 7        |          | ╗        |          |                | Ī    | 12             |          |          |          |          |           |                  |          | T   | I        | 7        |
|          | -   |    |           |          | _            | T            | Т  | Т        | Г  |          | Г            |   |    | Г            | 73       | T       | T  | ┪       | T  | T        |          | ヿ        |          |          |                | ı    | 1:             |          | Г        |          |          |           |                  |          | $\Box$  | $\Box$   | ℶ        |
| ٠Ľ       | . 2 | 4  | $\cdot$   |          | :            | •            |  | 1        |    |          | Г            |   |    | Г            | 74       | T       | T  | T       |    |          | $\Box$   | $\Box$   |          |          |                |      | 12             | M        |          |          |          |           |                  |          | $\Box$  |          | _        |
| [        | 2   | 5  | •         | ·        | ľ            |              |  |          |    |          |              |   |    |              | 75       | I       | T  | I       |    | $\Box$   | $\Box$   | $\Box$   |          |          |                |      | 12             | <u> </u> |          |          |          |           |                  |          | _].   | _        | _        |
| ٠Ľ       |     |    |           |          |              | $\mathbf{L}$ | Е  | $\Box$   |    |          |              |   | ١. |              | 76       |         |    | $\Box$  |    |          |          |          |          |          |                |      | 12             |          | L        | L        | Ц        |           | _                | _        | _4  | 4        | 4        |
|          | 2   | _  |           |          | L            | L            | 匚  |          |    |          |              |   |    |              | 77       | I       | I  | 1       |    |          |          | $\Box$   | ┙        | _        |                | L    | 1:             |          | <u> </u> | Ш        | Ŀ        | Ц         | 4                | 4        | 4   | 4        | 4        |
| Ĺ        | 2   |    |           |          | L            |              |  | Ŀ        | L  | Ц        |              |   |    | _            | 78       |         | ┙  | $\perp$ | _  | _        | _        | _        | _        | _        | Ц              | L    | 12             | _        | ــ       | L        | Ш        | Ц         | 4                | 4        | -   | 4        | 4        |
| L        | . 2 | _  |           | L        | L            | 1_           | L  | L        |    |          | L            | Ц                                       |    | ┖            | 78       | 4       | 4  | ┙       | _  | 4        | 4        | 4        | 4        |          | Ц              | Ļ    | 12             |          | ┡        | Ц        | Н        | 4         |                  | 4        | -+  | 4        | -1       |
| ⊹⊢       |     | 9  | 4         | L        | L            | ┖            | ╙  | ╄        | L  | L        | L            | Ш                                       |    | <u> </u> _   | 80       | 4       | 1  | 4       | 4  | 4        | 4        | _        | 4        | 4        | Ц              | ŀ    | ):             |          | ⊢        | Щ        | Н        | -         | -                |          | 4   | +        | ⊣        |
| L        | 13  | _  | 4         | L        | L            | 1            | Ļ.   | ļ.,      |    | L        | L            | Ц                                       |    | ┡            | 81       | 4       | 4  | 4       | 4  | 4        | 4        | 4        | 4        | 4        | $\dashv$       | H    | _[:            |          | ⊢        | Н        | Н        | $\dashv$  | $\dashv$         | -        | +   | +        | $\dashv$ |
| -        | 13  |    | 4         | H        | <b> </b>     | ⊢            | L  | ┡        | H  | H        | L            | Н                                       |    | <u> </u>     | 82       | +       | +  | 4       | 4  | 4        | 4        |          | -        | 4        | H              | - }- | 1              |          | -        | Н        | Н        | $\dashv$  | -                | ᅥ        | +   | ┪        | ┪        |
| $\vdash$ | 3   | 9  | -         | -        | ⊢            | ₽            | ├-   | ⊢        | -  | -        | ⊢            | -                                       |    | ⊩            | 83<br>84 | +       | +  | +       | 4  | -        | 4        | 4        | ᅱ        | $\dashv$ | H              | - }- | -              |          | -        | H        | Н        | H         | -1               | ┪        | ┪   | +        | -1       |
| H        | 3   |    | $\dashv$  | -        | ⊢            | ╁            | ⊢  | ⊢        | ⊢  | $\vdash$ | ⊦            | $\vdash$                                |    | ⊢            | 85       | +       | +  | +       | ┥  |          | ┥        | ┥        | ᅱ        | H        | H              | ŀ    | - <del> </del> |          | +-       | ۲        | Н        | $\dashv$  | ٦                | ┪        | -+  | ✝        | ᅱ        |
| -        | 13  |    | -         | ⊢        | ┝            | ╁            | ╁╾   | ╁        | ┝  | ⊢        | ⊢            |   |    | Н            | 86       | +       | +  | +       | ┪  | -        | ┪        | ┥        | ┪        | $\dashv$ | $\dashv$       | ŀ    | - h:           |          | Η        | Т        | Н        | Н         | ┪                | ┪        | 7   | J        | <b>_</b> |
| -        | 13  | _  | -         | $\vdash$ | $\vdash$     | ┢            | $\vdash$   | ╁╴       | H  | $\vdash$ | ╁            | Н                                       | ٠. | ╁╴           | 87       | ╅       | ╅  | ┪       | +  | ┪        |          | ┪        | +        | +        | $\dashv$       | ŀ    | +              | _        | Π        | П        | П        |           |                  | J        | J   | J        |          |
| H        | 13  |    | -         | $\vdash$ | <del> </del> | t            | <del> -</del>                                    | ┢        | ┢  | ⊢        | ۲            | Н                                       |    | H            | 88       | +       | +  | +       | 7  | ┪        | -        | 7        | 7        | 寸        | $\dashv$       | r    | <b>-</b>       | _        | Г        |          |          |           |                  |          | $\Box$  | J        |          |
| ۲        | 13  | _  | $\dashv$  | $\vdash$ | H            | t            | H  | ✝        | H  | Н        | H            | Н                                       |    | ۲            | 89       | +       | +  | 7       | 7  | ┪        | ┪        | ᅥ        | 7        | ┪        | 7              | Ţ    | 1              |          | Γ        |          |          |           |                  | J        | $\Box$  | $\Box$   |          |
| r        |     | ٥  | -         | -        | H            | t            | 1-   | ✝        | T  | Н        | H            | Н                                       |    | Н            | 90       | +       | +  | 7       | 7  | 7        | ┪        | 7        | ┪        | ┪        | П              | ı    | - 14           |          | Π        |          |          |           |                  |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          | _]       |
| h        | 1   | _  | -         | -        | 1            | $\vdash$     | H  | ✝        | ┢  | H        | H            | ┢                                       |    | ۲            | 91       | +       | 7  | 7       | ┪  | ┪        | ┪        | ┪        | ┪        | ┪        | $\dashv$       | t    | -              | न        | Γ        |          |          |           |                  |          | $\Box$  | $\Box$   | _        |
| ۲        | 1   | _  | -         | Η-       | ┢            | 十            | +  | ╁        | H  | -        | <del> </del> | $\vdash$                                |    | H            | 92       | +       | +  | +       | +  | +        | ┪        | ᅥ        | ┪        | ┪        | П              | ŀ    | 15.            |          |          |          |          |           |                  | $\Box$   | $\Box$  |          | $\Box$   |
| ۲        |     | 3  | -         | ┪        | -            | t            | 1  | ┰        | t  | Н        | ┢            | Н                                       |    | ۲            | 93       | +       | 7  | ┪       | 7  | ┪        | 7        | ╗        | ┪        | 7        |                |      | 14             |          |          |          |          |           |                  |          | _   | 4        | 4        |
| ۲        | _   | ā  | _         | Γ.       | t            | t            | T  | $\vdash$ | T  | 1        | 1            | T                                       |    | ۲            | 94       | 7       | 7  | ╗       | ┪  | ┪        | ┪        | ヿ        | 7        | ╗        |                |      | 14             |          | oxdot    |          |          |           | ┙                | _        | 1   | 4        | 4        |
| ┢        | 14  |    | $\dashv$  | Ė        | t            | t            | <del>                                     </del> | ✝        | m  | Т        | $\vdash$     | T                                       |    | T            | 95       | 7       | 7  | 7       | ╛  | _        | ╛        | _1       |          |          |                |      | 1              | _        | Ĺ        |          | П        |           | _                | _        | _   | 4        | 4        |
| ۲,       | _   | 6  | ┪         | Т        | Т            | T            | T  | ٢        | T  | Г        | Т            | П                                       |    | ٢            | 98       | ヿ       | ╗  |         | ╗  | ╛        |          |          |          |          |                |      |                |          | Ĺ        |          | Ц        | Ц         | Ц                | 4        | 4   | 4        | 4        |
| ۲        | 14  |    | ٦         | Т        | T            | T            | T  | T        | Г  | Г        | Г            | Г                                       | l  | Г            | 97       | _;      | 1  | 7       |    | $\Box$   |          |          |          |          |                |      | Ţ              |          | L        | Ш        | 니        | Ц         | 4                | 4        | -   | 4        | 4        |
| ·[       | 14  |    |           |          | Г            | Γ            | Г  | L        |    |          |              |   |    |              | 98       | I       | I  | I       | I  | $\Box$   |          | $\Box$   | $\Box$   |          | Щ              | Į.   | 1              |          | <b> </b> | H        | Н        | Н         | 4                | -        | -+  | 4        | $\dashv$ |
|          | 1   |    |           |          |              | Γ            |  | L        |    |          |              |   | l  |              | 99       | I       | I  |         | _  | $\Box$   | Ц        | _        | _        | Ц        | Щ              | Ļ    | <u> </u>       |          | -        | H        | $\vdash$ | Н         | -                | $\dashv$ | -+  | ⊣        | $\dashv$ |
|          | 5   | 0  |           |          |              |              | 匚  |          | 匚  |          | 匚            | 匚                                       | J  | 匚            | hod      | $\perp$ | _[ | Ц       | _  |          |          | ᆚ        | ┙        | لـ       | لــا           | L    |                | 4        | _        | <u>_</u> | ب        | Ш         | _                | لب       |   | 1        |          |

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